

**WEST**

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Feb 1, 1996

DERWENT-ACC-NO: 1992-201204  
DERWENT-WEEK: 199612  
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TITLE: Fire resistant plasterboard - has plaster core contg. cut mineral fibres and aerated concrete granulate

INVENTOR: NEUHAUSER, G

PATENT-ASSIGNEE:

ASSIGNEE

CODE

GEBR KNAUF WESTDEUT GIPSWERKE

KNAF

PRIORITY-DATA: 1991DE-4107623 (March 9, 1991)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
ES 2080357 T3	February 1, 1996		000	C04B018/16
DE 4107623 C	June 17, 1992		004	C04B028/14
EP <u>503383</u> A1	September 16, 1992	G	005	C04B018/16
EP <u>503383</u> B1	December 6, 1995	G	005	C04B018/16
DE 59204530 G	January 18, 1996		000	C04B018/16

DESIGNATED-STATES: AT BE CH DE DK ES FR GB IT LI LU NL SE AT BE CH DE DK ES FR GB IT LI LU NL SE

CITED-DOCUMENTS: 1.Jnl.Ref; DE 3308585 ; EP 395165 ; EP 427063 ; FR 2547533 ; JP54040093 ; US 3376147 ; 01Jnl.Ref

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
ES 2080357T3	February 27, 1992	1992EP-0103331	
ES 2080357T3		EP <u>503383</u>	Based on
DE 4107623C	March 9, 1991	1991DE-4107623	
EP 503383A1	February 27, 1992	1992EP-0103331	
EP 503383B1	February 27, 1992	1992EP-0103331	
DE59204530G	February 27, 1992	1992DE-0504530	
DE59204530G	February 27, 1992	1992EP-0103331	
DE59204530G		EP <u>503383</u>	Based on

INT-CL (IPC): B28B 11/04; B32B 13/02; B32B 13/14; C04B 11/00; C04B 14/20; C04B 18/16; C04B 28/14; C04B 32/02; C04B 38/00 ; C09K 21/02; E04B 1/94; E04C 2/04; E04C 2/26

ABSTRACTED-PUB-NO: DE 4107623C  
BASIC-ABSTRACT:

Plasterboard having high fire resistance has a plaster core (I) contg. cut mineral fibres, esp. glass fibres. (I) contains at least 2 wt% pref. 5-10 wt% aerated concrete granulate (II).

Pref. (I) also contains up to 2 wt% vermiculite and is pref. externally coated with glass fibre web. Pref. the glass fibre web is coated on the side facing away from (I), with an inorganic binder which is at least partly hardened. Pref. (II) has a grain size up to 2mm, pref. up to 1mm.

ADVANTAGE - Less expensive additives are used.  
ABSTRACTED-PUB-NO:

EP 503383B  
EQUIVALENT-ABSTRACTS:

Gypsum board with high fire resistance having a gypsum core containing cut mineral fibres, especially glass fibres, characterised in that said gypsum core contains at least 2% by weight of aerated concrete granules and said granules have grain size of up to 2 mm, preferably up to 1 mm.

CHOSEN-DRAWING: Dwg.0/0 Dwg.0/0

TITLE-TERMS: FIRE RESISTANCE PLASTERBOARD PLASTER CORE CONTAIN CUT MINERAL FIBRE  
AERATE CONCRETE GRANULE

DERWENT-CLASS: L02 P64 P73 Q43 Q44

CPI-CODES: L02-D03; L02-D07A;

UNLINKED-DERWENT-REGISTRY-NUMBERS: 1503U; 1508U ; 1510U ; 1544U ; 1694U ; 1767U

SECONDARY-ACC-NO:  
CPI Secondary Accession Numbers: C1992-091535  
Non-CPI Secondary Accession Numbers: N1992-152258